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(54) **RESPIRATORY FILTERING FABRIC AND
GARMENT MADE THEREFROM**

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ABSTRACT

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An enhanced filtration multilayer laminated fabric (10) includes an air permeable, moisture-vapor-transmissive, polytetra-fluoroethylene (ePTFE) membrane central layer (12). This central layer (12) is sandwiched between a first pair of nonwoven textile layers (14, 16) and a second pair of woven textile layers (18, 20). The laminated fabric may also feature a fire resistant application. The top textile layer (18) may also include a permanent, highly breathable and highly durable electro-static discharge feature added to the inside of the layer by laying down a carbon based printed pattern on the inside of the layer. The filtration fabric (10) may be utilized to manufacture a wearable garment that is aesthetically pleasing and comfortable to wear in all weather conditions.

